

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

PROPOSED

Title V / Synthetic Minor, Operating

Permit: V-08-005

Gerdau Ameristeel US Inc.

Calvert City, KY 42029

June 30, 2008

Rita Arguello, Reviewer

SOURCE ID: 21-157-00029

AGENCY INTEREST: 2956

ACTIVITY: APE20070001

SOURCE DESCRIPTION:

Gerdau is a manufacturer of steel sheets from billets. The billets are heated in a natural gas rehear furnace, and the hot billets are rolled into sheets. In addition, steel recovered from the rolling operation is sold as scrap.

On December 14, 2007, Gerdau Ameristeel US Inc. (Gerdau) applied to the Division for the renewal of the Title V air permit, V-03-016. This source is major for Particulate Matter and Nitrogen Oxide. Gerdau requested to increase the time allowed to complete performance testing for the emission point 01 because of difficulties in performing the test in the winter. The EP 01 passed compliance stack testing in July, 2007. They also requested to modify the description language for the Emission Point 01 and 02 on this renewal.

On November 10, 2004, Gerdau notified the Division for Air Quality that, North Star Steel, a Delaware corporation, was purchased by Gerdau Ameristeel US Inc., a Florida corporation.

PUBLIC AND AFFECTED STATE REVIEW:

Affected state Illinois was notified of the issuance of the draft permit on June 12, 2008 via e-mail. On April 29, 2008, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in the Tribune Courier in Benton, Kentucky. The public comment period expired 30 days from the date of publication.

Comments were received from Gerdau Ameristeel US Inc. on May 12, 2008. Minor changes were made to the permit as a result of the comments received; however the Division has concluded that the proposed operation will comply with all air quality regulations and requirements. Therefore, the Division has made a final determination to issue a proposed permit. A final permit will be issued after the U.S. EPA's 45-day review.